

Abstract

The invention provides an eccentric thrust bearing assembly capable of bearing axial loads in opposite directions.

A first aspect of the invention relates to a thrust bearing assembly a1 wherein a first radially outside member and a second radially inside member oppose each other at first positions a21 separately located and clamp therebetween a rolling element a8 disposed at each of the first positions a21, whereas a second radially outside member and a first radially inside member oppose each other at second positions a22 of a different phase from that of the first positions a21 and clamp therebetween a rolling element a8 disposed at each of the second positions a22. In this bearing assembly a1, respective certain portions of the rolling elements are present on the same plane.